

Features

- Impact resistance
- High reusability
- Excellent toughness
- Heat deformation resistance

Application

- Thermal load environment
- Parts with good mechanical properties

Specification

Mechanical properties	Test method	Metric
Part Color	Visual	Natural White or Black
Density	DIN 53466	0.96g/cm ³
Elongation at break	ASTM D638	45%
Flexural Strength	ASTM D790	45 MPa
Flexural Modulus	ASTM D790	1,200 MPa
Heat Deflection Temperature 0.45Mpa	ASTM D648	193 °C
Heat Deflection Temperature 1.82Mpa	ASTM D648	64°C
Tensile Strength	ASTM D638	47 MPa
Tensile Modulus	ASTM D638	1,550 MPa
IZOD Impact Strength with notch	ASTM D256	85 J/M
IZOD Impact Strength without notch	ASTM D256	No rupture occurred

Note: 1. The above parameters based on specified test method and heating energy might not be achieved with different conditions.
2. 15% deviation of test result might happen on different testing platform.
3. The above data are subject to update without prior notice.



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